

WHAT IS CLAIMED IS:

1. A joint for use in toys, comprising:
 - a first member including at least a portion of a ball;
 - 5 a second member including a socket which receives the at least a portion of the ball;
 - a protrusion formed on the first member adjacent to the ball such that when the ball is received in the socket a rotation about a longitudinal axis of the first
 - 10 member is permitted and bending in a plane of the longitudinal axis is at least partially restricted.
2. The joint as recited in claim 1, wherein the protrusion prevents an angular change between a longitudinal
- 15 axis of the second member and the longitudinal axis of the second member.
3. The joint as recited in claim 1, wherein the protrusion extends about an entire circumference of the
- 20 first member and prevents an angular change between a longitudinal axis of the second member and the longitudinal axis of the second member.
4. The joint as recited in claim 1, wherein the
- 25 protrusion extends about a portion of a circumference of the first member and permits an angular change between a

longitudinal axis of the second member and the longitudinal axis of the second member in a range of motion.

5. The joint as recited in claim 1, wherein the
5 socket includes a slot which receives a portion of the protrusion to permit an angular change between a longitudinal axis of the second member and the longitudinal axis of the second member.

10 6. The joint as recited in claim 1, wherein the slot is dimensioned and configured to define a range of motion permitted for the joint.

7. The joint as recited in claim 1, wherein the first
15 member includes longitudinal grooves.

8. The joint as recited in claim 1, wherein the second member includes longitudinal grooves.

20 9. The joint as recited in claim 1, wherein the first member and second member provide continuous flexure over their length.

10. A doll, comprising:
25 an infrastructure which permits relative motion of portions of the doll and an ability to pose portions of the

doll, the infrastructure comprising:

one or more body parts wherein at least one body part includes a first member including at least a portion of a ball;

5 a second member including a socket which receives the at least a portion of the ball;

a protrusion formed on the first member adjacent to the ball such that when the ball is received in the socket a rotation about a longitudinal axis of the first member is permitted while restricting an angular change between a longitudinal axis of the second member and the longitudinal axis of the second member.

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11. The doll as recited in claim 10, wherein the protrusion extends about an entire circumference of the first member and prevents an angular change between a longitudinal axis of the second member and the longitudinal axis of the second member.

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12. The doll as recited in claim 10, wherein the protrusion extends about a portion of a circumference of the first member and permits an angular change between a longitudinal axis of the second member and the longitudinal axis of the second member in a range of motion.

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13. The doll as recited in claim 10, wherein the

socket includes a slot, which receives a portion of the protrusion to permit an angular change between a longitudinal axis of the second member and the longitudinal axis of the second member.

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14. The doll as recited in claim 10, wherein the slot is dimensioned and configured to define a range of motion permitted for the joint.

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15. The doll as recited in claim 10, wherein the first member includes longitudinal grooves.

16. The doll as recited in claim 10, wherein the second member includes longitudinal grooves.

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17. The doll as recited in claim 10, wherein the first member and second member provide continuous flexure over their length.

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18. The doll as recited in claim 10, further comprising an outer covering into which the infrastructure is disposed.

19. The doll as recited in claim 18, further comprising stuffing material for filling the outer covering.

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20. The doll as recited in claim 18, further comprising features which connect to the infrastructure to provide one of a predetermined shape for the covering and an external feature of the doll.